

Converting Colors

Hex(B40202)

Have a look what the booklet for
Hex(B40202) contains.

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Color

Hex(B40202)

Conversions

Conversions Part 1

Format	Color
Hex	B40202
RGB	180, 2, 2
RGB Percent	71%, 1%, 1%
CMY	0.2941, 0.9922, 0.9922
CMYK	0.00, 0.99, 0.99, 0.29
HSL	0°, 98%, 36%
HSV	0°, 99%, 71%
XYZ	18.8551, 9.7511, 0.9458
YIQ	55.2220, 106.0880, 37.7360

Conversions

Conversions Part 2

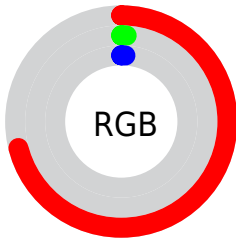
Format	Color
RYB	180, 2, 2
Decimal	11796994
CIELab	37.39, 61.47, 50.94
CIElCh	37, 79.835, 39.649
Yxy	9.7511, 0.6380, 0.3300
Android (android.graphics.Color)	4289987074 (0xFFB40202)
YUV	55.2220, -26.2384, 109.4303
Hunter-Lab	31.2267, 53.1335, 20.0629

Details

The Hex color **B40202** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **02B4B4**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **F55033**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B40000**, and if you desaturate by 10%, it is **B41414**.

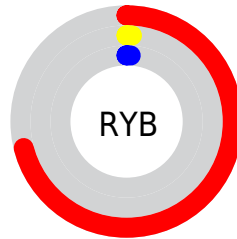
Distribution



Red (71%)

Green (1%)

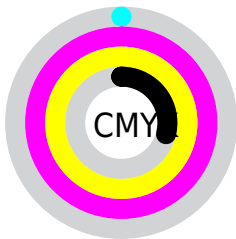
Blue (1%)



Red (71%)

Yellow (1%)

Blue (1%)

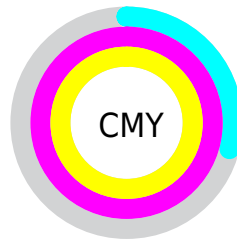


Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (29%)



Cyan (29%)

Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color B40202 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B40202 by changing the saturation by 10% instead.

 B40202

 B40202

 FFFFEC

 940000

 F55033

 750000

 FF6D4B

 560000

 FF8964

 3A0002

 FFA67E

 110000

 FFC298

 000000

 FFE0B3

 FFFDCF

 B40202

 B40202

 B40000

 B41414

 B42626

 B43838

 B44A4A

 B45C5C

 B46E6E

 B48080

 B49292

 B4A4A4

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C30047



B40202



8F4300

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B40202



006E27



005BDA

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B40202



02B4B4

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006BD3



B40202



00716C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B40202



006900



0071AA



6D38BD

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B40202



6D5600



0071AA



0062DC

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B40202



EBA4A4



B402B4



754B4B



F5F5F5



757575

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B40202



EB0000



B45B02



595050



990000



1A0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



02B4B4



00EBEB



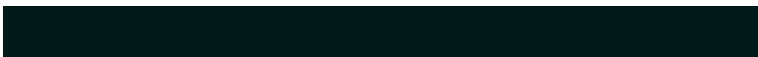
025BB4



505959



009999



001A1A

Previews

White Background



This preview shows how the Hex color B40202 looks on a white background.

Color Contrast Check

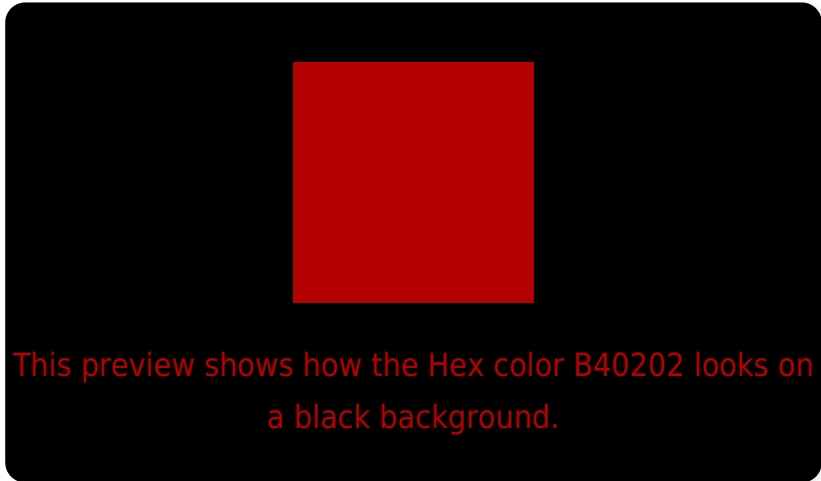
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B40202 Background



This preview shows how black text looks on a background with the Hex color B40202.



This preview shows how white text looks on a background with the Hex color B40202.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
B40202

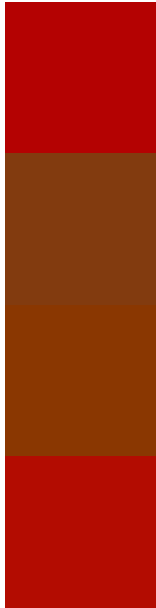
Protanopia
665B17

Deuteranopia
725600



Tritanopia
B31100

Trichromacy



Original Color
B40202

Protanomaly
823B0F

Deuteranomaly
8A3701

Tritanomaly
B30C01

Monochromacy



Original Color
B40202

Achromatopsia
373737

Achromatomaly
642424

CSS Examples

Text

The CSS property to change the color of the text to Hex B40202 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B40202 looks like.

```
.text, #text, p{  
    color:#B40202  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B40202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B40202
}
```

Border

The CSS property to change the border of an element to Hex B40202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

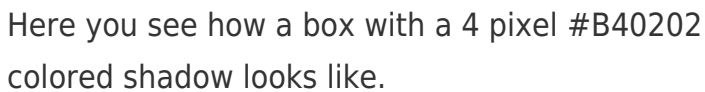
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B40202 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B40202 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #B40202 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B40202; -webkit-box-shadow:4px 4px  
4px 4px #B40202; box-shadow:4px 4px 4px  
4px #B40202 }
```

Background

The CSS property to change the background color of an element to Hex B40202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B40202 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B40202 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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